Lisa Jones and Nicole Gilbert

**Topic:** Clouds (Cloud Observations)

**Content Standards:**

SC Standard 4-4: The student will demonstrate an understanding of weather patterns and phenomena.

4-4.2 Classify clouds according to their three basic types (cumulus, cirrus, and stratus) and summarize how clouds form.

SC Standard 6-4: The student will demonstrate an understanding of the relationship between Earth’s atmospheric properties and processes and its weather and climate.

6-4.3 Classify shapes and types of clouds according to elevation and their associated weather conditions and patterns.

**Essential Question:**

How do different types of clouds determine different types of weather?

**Procedure**

1. Students go outside to make observations about the clouds and weather.
2. The students use the Clouds Organizer to record observations.
3. Students will use the Clouds Organizer to help them create comments on clouds in the Flickr Clouds Lesson.

**Assessments:**

1. Teacher observations of discussions and notes

**Resources and Materials:**

1. Clouds Organizer
2. Clipboards
3. Pencils

**Clouds Organizer Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

What kind of weather?

What does it look like? Add a sketch.

Located where in the sky?

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**How do clouds form?**

Next, the water vapor . . .

First, as the sun heats a water collection . . .

After that the drops of water and the dust . . .

Then the water vapor . . .